USER MANUAL

Version 2.1 - July 2014

LSM.Connect

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Improvement Requests

Your comments will help us improve the quality of the user documentation. Do not hesitate to send improvement requests, or report any error or inaccuracy on this user manual by e-mail to doc@evs.com.

Regional Contacts

The address and phone number of the EVS headquarters are usually mentioned in the Help > About menu in the user interface.

You will find the full list of addresses and phone numbers of local offices either at the end of this user manual (for manuals on hardware products) or at the following page on the EVS website: http://www.evs.com/contacts.

User Manuals on EVS Website

The latest version of the user manual, if any, and other user manuals on EVS products can be found on the EVS download center, on the following webpage: http://www.evs.com/downloadcenter.

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What's New?

In the XNet Web Monitoruser manual, the icon NEW ! has been added on the left margin to highlight information on new and updated features.

The changes linked to new features in version 2.1 are listed below:

- **Add, remove and change the display order of columns in the clip list view**

  See section "Customizing the List View" on page 13
- **Improvements in the Set Date and TC window**

  See section "Set TC and Date Window" on page 23
- **Improvements in selecting servers and pages in the list view**

  See section "Accessing Clips" on page 24
- **Copy distant clips of a playlist Locally**

  See section "How to Store Locally Distant Playlist Elements" on page 48
- **Reorganized settings screen**

  See section "LSM Connect Settings" on page 51

  See section "Starting and Connecting to EVS Server" on page 2
- **Select items in the clip tab (grid and list view), and on the playlist tab with a physical keyboard**

  See section "Selecting Items" on page 5
- **Access local and distant clips in the grid view with a physical keyboard.**

  See section "Accessing Clips" on page 24

  See section "Using Keyboard Shortcuts for Server, Page and Bank Navigation" on page 27
- **Commands in the CAB (contextual action bar) available via a physical keyboard.**

  See section "Contextual Action Bar in Clip Tab" on page 20
- **Cut, copy and move clips in the grid view with a physical keyboard.**

  See section "Copying and Moving Clips" on page 34
- **Editing clip information and metadata (name, type, TC type, TC and date) with a physical keyboard.**

  See section "Defining Clips Metadata" on page 30
- **Deleting clip(s) with a physical keyboard.**

  See section "Deleting Clips" on page 38

The whole manual has been restructured and sections have been added, although they do not relate to new features. They are therefore not marked with the **New** icon. The reviewed sections are not mentioned in this list:

- **Detailed description of the fields in the clip toolbar**

  See section "Clip Toolbar" on page 18

- **Description of actions in the clip toolbar**

  See section "Defining Clips Metadata" on page 30

- **Detailed description of the clips list view**

  See section "Overview of the List View" on page 12.

- **Additional information on Clip Display**

  See section "Clip Display in Grid and List View" on page 14.

1. Introduction

1.1. Product Overview

Description

The LSM Connect is a tablet-based application that allows users to manage clips and playlists stored on EVS video servers.

The application is directly connected to the Remote Panel and to the EVS video server via the Ethernet network. This gives users instant access and control of all clips and playlists created on EVS servers.

Automatic and instant synchronization between the LSM Connect and the EVS server provides an excellent interactivity, as well as an easy and intuitive solution to manage clip and playlist in a live production environment.

Compatible Hardware and Software

EVS Video Servers

The LSM Connect application shall run with EVS servers and Multicam application in the following conditions:

- It can run with XT3, XT2+ or XT2 servers.
- The EVS servers controlled by the LSM Connect shall run a Multicam version 11.02 or higher.
- The EVS servers controlled by the LSM Connect shall be running a Multicam LSM or Replay Only application.

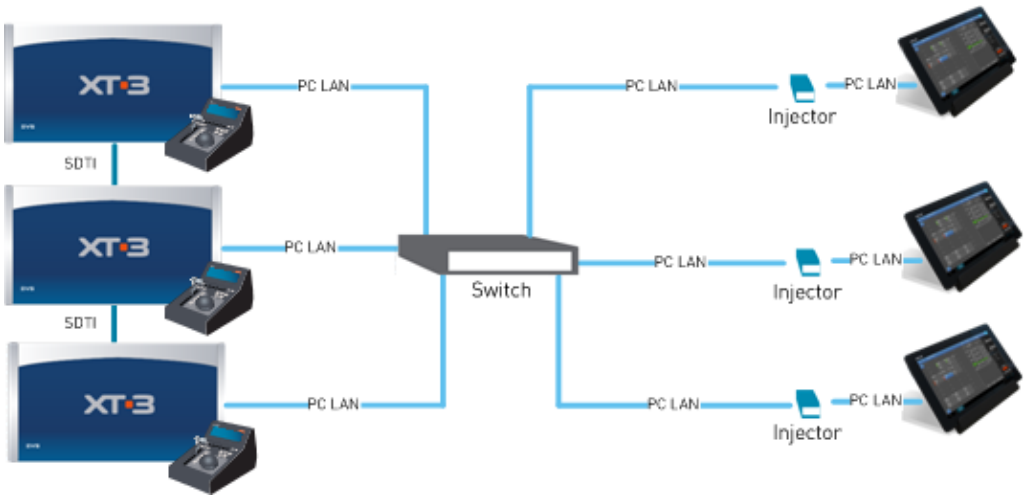
Tablet

When the LSM Connect connects to an EVS server, Multicam checks whether the installed version of the LSM Connect is compatible with the Multicam version. Otherwise, Multicam pushes and installs automatically the compatible version of the LSM Connect application to the tablet.

Network Architecture

The LSM Connect communicates with the Multicam application via the PC LAN network.The tablet is plugged onto a docking station that allows the connection to the PC LAN network.

The illustration below shows the network architecture. You can find detailed information on the network setup, connectivity and docking station in the LSM Connect docking station technote.



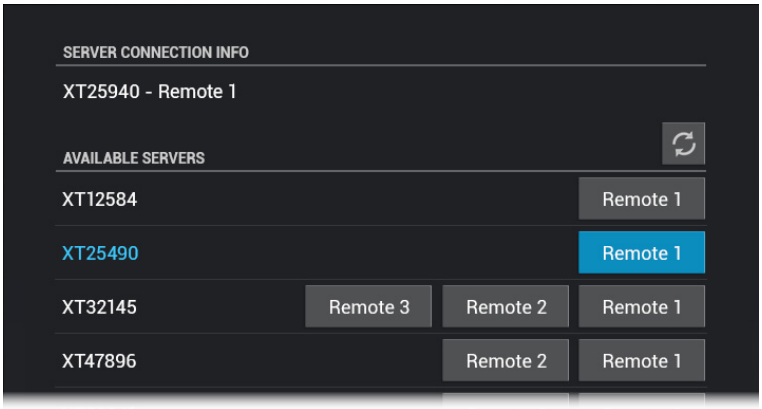
1.2. Starting and Connecting to EVS Server

To start LSM Connect and connect to an EVS server, proceed as follows:

1. Tap the **LSM Connect** icon located on the main (central) home screen page.

   The LSM Connect application opens on the Settings window, with the focus on the Server Connection menu.

2. In the Server Connection menu, in the list of available servers, tap the Remote button corresponding to the Remote Panel of the EVS server you want to connect to.



After initialization, the main window opens with the default view: clip tab on the left, playlist tab on the right.

Note
With LSM Connect, you can connect to one EVS server and one LSM Remote Panel at a time.

NEW !

Note
When you connect to a server A, then connect to a server B, and finally connect back to the server A, the clips will be displayed as the last time you were connected to the server A.

1.3. User Interface Overview

Introduction

By default, the main window of the LSM Connect application contains the areas highlighted on the screenshot below:

Area Description

The table below describes the various parts of LSM Connect main window:

Part	Name	Description
1.	Clip area	Displays a view on the clips stored on the EVS server. The clips can be displayed in grid view or list view .
2.	Playlist area	Displays a view on the visible playlists stored on the EVS server. You can remove playlists from or add playlists to the list using the **Visible Playlist** command at the bottom on the tab.
3.	Toolbar area	Displays metadata information of the element (playlist or clip) selected in the clip or playlist area.
4.	Command bar	Gives access to the following windows or commands: allows you to select multiple elements in clip/playlist area. allows you to lock the LSM Connect main window. allows you to search for clips based on metadata. allows you to open the Settings window.

Note
You can easily switch the position of the clip and playlist areas, or display two clip or two playlist views at the same time by selecting the clip tab or playlist tab on the upper left corner of area.

Note
You can use the **TAB** key to move from one tab to the other using a physical keyboard.

1.4. Selecting Items

Introduction

Selecting items (clips, playlist or playlist items) is the initial step before you can apply a command.

You can select the items via the touchscreen or via a physical keyboard connected to the LSM tablet. This section details both selection methods, each time for single and multiple selection.

Basic Principles

In the clip tab, you can select one or more items at a time in the grid or list view:

- If you open a single clip tab in a grid view, you can select one or more clips **on the same EVS server**, on the same or on two different pages or banks.
- if you open two clip tabs in a grid view, you can select one or more clips **on two different EVS servers**.
- In the list view, you can select one or more clips on the same or different pages or banks, and even on different EVS servers.

When an empty clip is selected, the previous selection is cleared.

In the playlist tab, the single and multiple selections are available:

- on the visible playlists.
- on the playlist items of the open playlist.

How to Select Items with a Touchscreen

Single Selection

- To select an item, tap the item.

  The selected item has a blue background.
- To select and load an item, double tap the item.

  When you double-tap a playlist element in a playlist, you load the playlist.

  The loaded item has a red background.

Multiple Selection

To select several items, proceed as follows:

1. Tap the multi-selection icon .
2. Tap the clips to be selected.

When the multi-selection mode is active, you can select several clips on different banks, pages of the same EVS server or even on different EVS servers.

NEW! How to Select Items with a Physical Keyboard

Single Selection

- To highlight an item, move with the Arrow keys until the item is surrounded by a dotted line:

- To select an item, highlight the item and press the Space bar.

  The selected item has a blue background.
- To load an item, highlight the item and press

.

  The loaded item has a red background.

Multiple Non-Contiguous Selection

To select several non-contiguous items, proceed as follows:

1. Highlight the first item you want to select with the Arrow keys.
2. Press the Space bar to select it.
3. Highlight a second item you want to select.
4. Press

+ (Space bar) to select the second item.
5. Repeat steps 3 and 4 for all items you want to select.

Multiple Contiguous Selection

In a multiple contiguous selection, the empty positions are ignored.

To select several contiguous items, proceed as follows:

1. Highlight the first item you want to select with the Arrow keys.
2. Press

+ (Space bar) to select this item.
3. Move with Arrow keys to select contiguous items between the first selected item and the current highlighted position.

Note
In the specific situation where you want to use the grid view to select clips on two different pages or banks, and/or on two different servers, you have to:
1. open two clip tabs
2. use the contiguous selection method in one clip tab
3. use the non-contiguous selection method (even if the clips are contiguous) in the second clip tab.

Selection of All Clips in a Grid

In the clip tab, in grid view, tap Ctrl + A to select all clips displayed in the grid.

Contextual Action Bar

When items are selected, a blue contextual action bar (CAB) appears at the top of the window. It shows several commands you can perform on the selected items.

The screenshot below shows an example of contextual action bar when clips are selected. Other commands are available when you select other items (playlist items, or playlists):

The bar contains the following elements, from left to right:

GUI element	Description
Done icon	allows you to confirm the executed action. This confirms the action and closes the CAB.
# items	displays the number of selected items, and their LSM ID.
Command icons	shows the various action buttons available for the selected elements. It depends on the context.
Multi-selection icon	shows whether the multi-selection is activated, and allows enabling or disabling multi-selection.

How to Unselect Items

To unselect one item, do one of the following actions:

- On the touchscreen, tap again the item you want to unselect.
- NEW ! With a physical keyboard, highlight the item you want to unselect and press the Space bar.

To unselect all items, do one of the following actions:

- Tap DONE without performing any other action.
- With a physical keyboard, press Esc.

2. Clip Management

2.1. User Interface

2.1.1. Clip Tab

Opening the Clip Tab

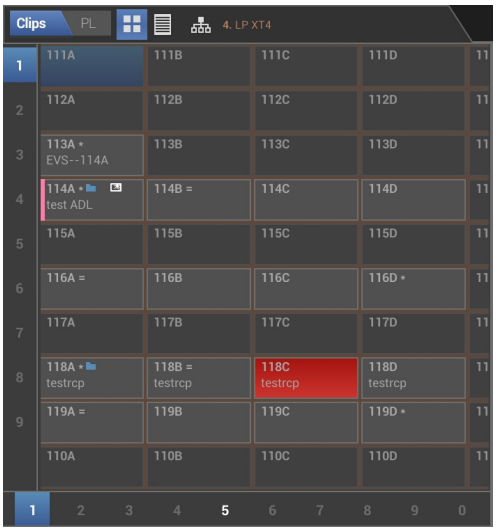
The clip tab displays clips stored on the local or on a distant EVS server.

By default, the clip tab is displayed on the left of the LSM Connect main window.

However, you can display the clip tab on the right, or even open two clip tabs on the main window.

To open a clip tab in a pane, tap **Clips** at the top of the pane:

Overview of the Clip Tab



The clip tab is made up of two areas:

- The option bar at the top, which contains buttons to change the clip view and to connect to distant servers.
- The main part of the tab which shows the clips in a grid view (left screenshot) or list view (right screenshot).

The option bar is very similar in the grid or list view.

Grid View vs. List View

As mentioned above, the clips can be displayed in a grid view or list view in the clip tab.

To display the clips in a grid view, tap in the option bar at the top of the clip tab.

See section "Overview of the Grid View" on page 10.

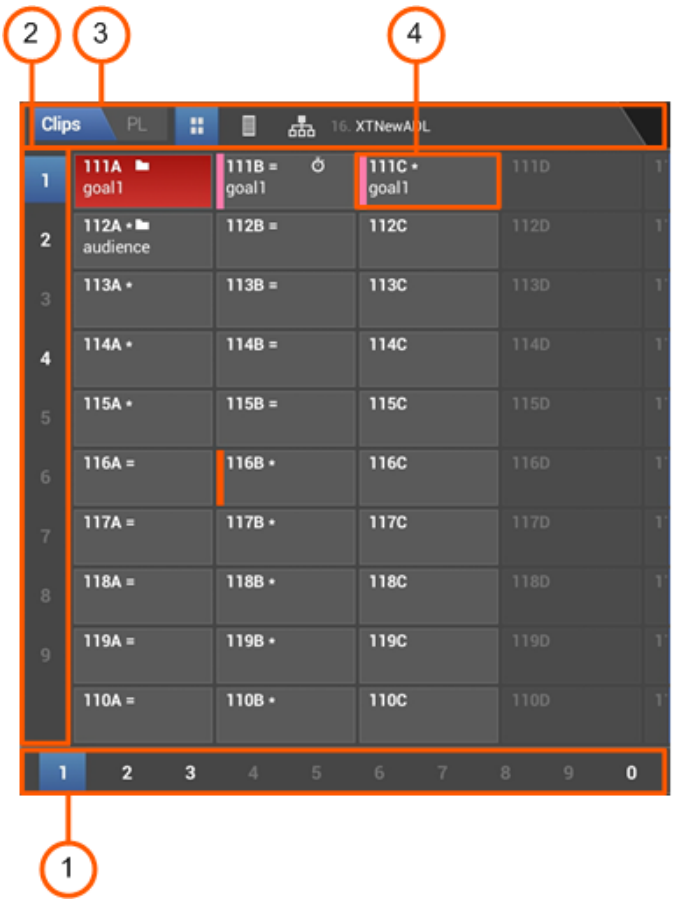
To display the clips in a list view, tap in the option bar at the top of the clip tab.

See section "Overview of the List View" on page 12.

2.1.2. Overview of the Grid View

Introduction

In the grid view, the clips stored on page 1, bank 1 of the local EVS server are displayed by default. The empty clip positions are displayed. It is also possible to display the clips of a distant EVS servers.



Area Description

The table below presents the various areas on the grid view:

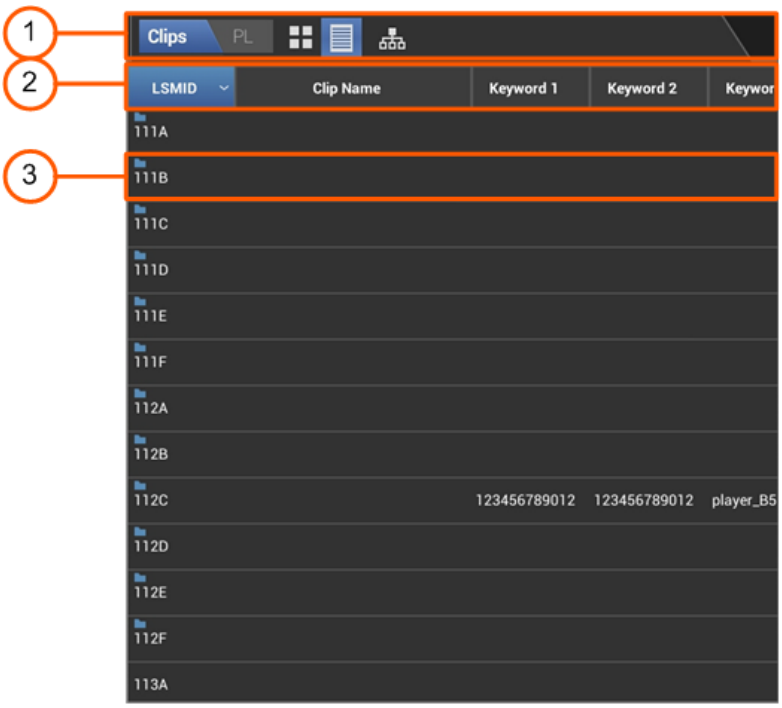
#	Area	Description
1.	Page selection	Pages with clips are in white font. Empty pages are dimmed. The current page is displayed on a blue background.
2.	Bank selection	Banks with clips are in white font. Empty banks are dimmed. The current bank is displayed on a blue background.
3.	Option bar	In the option bar, you can perform the following actions: • Switch from clip tab to playlist tab. • Switch the Clip view between grid and list . • Access the clips on a distant EVS server with . • View the EVS server the displayed clips are stored on
4.	Clip box	The clip box displays the clip information and metadata. When you select a clip, the clip metadata is displayed in a toolbar on the right of the screen. You can edit the clip metadata in the toolbar. See section "Defining Clips Metadata" on page 30

2.1.3. Overview of the List View

Introduction

In the list view, the clips are listed by default from the smallest to the highest LSM ID. The empty clip positions are not displayed.

It is possible to display clips of the local and/or one or more distant EVS servers in the same list.



Area Description

The table below presents the various areas on the list view:

#	Area	Description
1.	Option bar	In the option bar, you can perform the following actions: • Switch from clip tab to playlist tab. • Switch the Clip view between grid and list . • Access the clips on a distant EVS server with .
2.	List columns	The columns information and metadata fields are displayed in the list view. The values in a column can be sorted. You can specify which columns are displayed how they are ordered in the table.
3.	Clip row	The clip row displays the clip information and metadata. When you select a clip, the clip metadata is displayed in a toolbar on the right of the screen. You can edit the clip metadata in the toolbar. See section "Defining Clips Metadata" on page 30

2.1.4. Customizing the List View

Introduction

In the list view, you can customize the list as follows:

- Displaying or hiding columns in the list
- Changing the column position in the list

You can also sort the clips displayed in the list.

NEW !

How to Display/Hide Columns

To display or hide columns in the list view, proceed as follows:

1. Touch and hold the column heading.

   This opens the Edit Clips List Columns dialog box.
2. In the dialog box, do the following:
   - select the columns you want to be dipsplayed
   - unselect the columns you want to be hidden
3. Tap **OK**.

You come back to the main window, and the columns are displayed or hidden in the list view based on your selection.

NEW !

How to Change the Column Position

To change the column position in the list view, proceed as follows:

1. Touch and hold the column heading.

   This opens the Edit Clips List Columns dialog box.
2. In the dialog box, touch and hold the column name until a green bar is displayed to symbolize the column position in the list.
3. Drag and drop the green bar to the requested position in the list.
4. Tap **OK**.

You come back to the main window, and the displaced columns are displayed in the selected order in the list view.

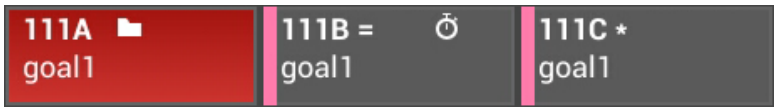
How to Sort Clips

To sort clips downwards or upwards based on the field values in a column, tap the requested column heading.

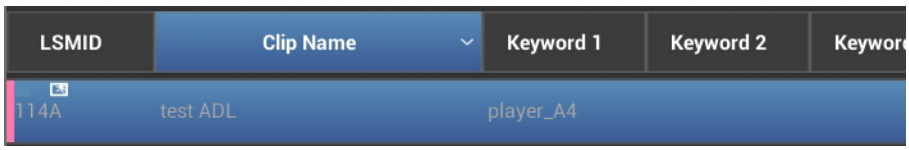
2.1.5. Clip Display in Grid and List View

Introduction

In the clip tab, in grid view, each clip position is symbolized by a rectangle:



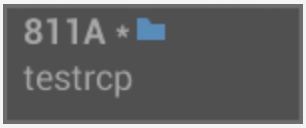
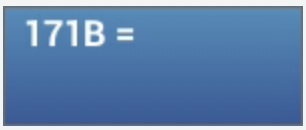
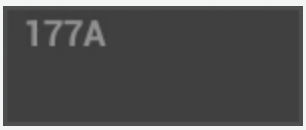
In the clip tab, in list view, each clip position is represented as a row of the list:



When you tap a clip, the full clip metadata are displayed on the toolbar area (right). You can modify the clip metadata in the toolbar area.

Clip Background or Highlight

By default, the background of the clip box or clip row is middle gray, and the clip box or clip row is surrounded by a light gray line. Other background colors have a specific meaning, as explained in the table below:

Background color or Highlight	Clip Box	Meaning
Middle gray background		Filled clip position (not highlighted, not selected, and not on air).
Dimmed background (+ dimmed LSM ID)		Codec mismatch between clip and EVS server configuration
Blue background		Selected clip
Red background		Loaded clip
Dark gray background (+ dimmed LSM ID)		Empty position This is not available in the list view.
Highlight in blue dotted line		Highlighted clip (by means of the Arrow keys, not via the touchscreen)

Local Clips vs. Distant Clips

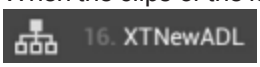
Introduction

The local and distant clips, as well as the local or distant servers, are displayed on different backgrounds to easily identify local and distant clips.

In the Grid View

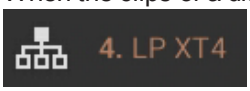
In the grid view, you can select one EVS server at a time. The EVS server name and net number whose clips are displayed in the grid are specified at the top of the clip tab, next to the **Network** icon:

- When the clips of the local server are displayed, the server name is in a white font:

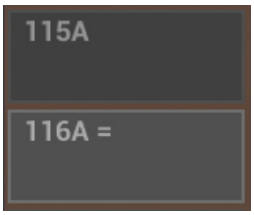
  

  The clip boxes are displayed on a dark gray background in the grid:

- When the clips of a distant server are displayed, the server name is in a brown font:

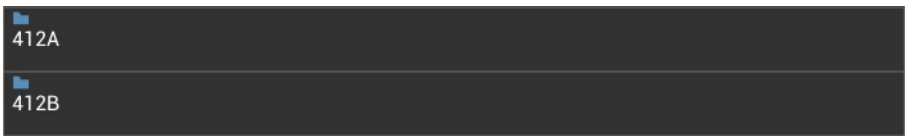
  The clip boxes are displayed on a dark brown background in the grid:

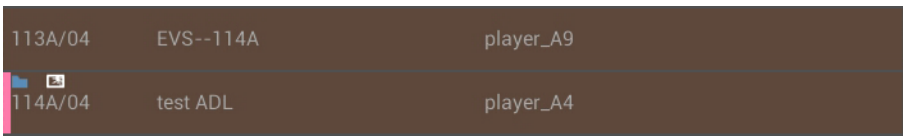
In the List View

In the list view, you can select several servers. The clips stored in the selected EVS servers are displayed in a list view, one server after the other.

- The local clips are displayed on a dark gray background:

- The distant clips are displayed on a dark brown background:

Clip Metadata

The table below describes the clip metadata displayed in the grid or list when it has been defined in the clip toolbar. A cross in the columns on the right mean the information is available in the grid view and/or in the list view:

Metadata type	Description	Grid	List
Clip LSM ID	LSM ID in white font if a clip is stored on the given LSM ID. LSM ID dimmed if no clip is stored or if the configuration does not include the corresponding recorder channel.	X	X
Clip type	* for primary clip, = for secondary clip	X	
Auxiliary clip	Indicates if the clip is an auxiliary clip.	X	X
Archive status	blue folder if the clip is tagged as 'to be archived' white folder if the clip has already been archived Otherwise, no icon.	X	X
Protected status	white lock if the clip is protected by LSM user red lock if the clip is protected by other users Otherwise, no icon	X	X
Emoticon	You can add an additional icon that can be used to easily identify specific clips.	X	X
Keywords	Associated keywords are displayed on a second line	X	X
Colored left border	The color that can be defined in the toolbar to easily identify specific clips is displayed as a border on the left of the box.	X	X

2.1.6. Clip Toolbar

Introduction

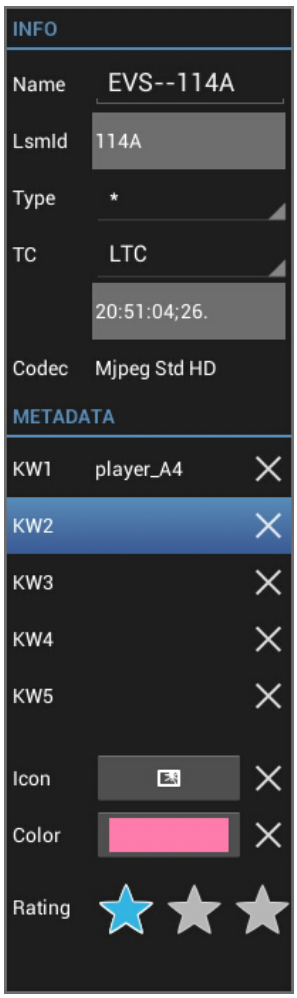
From the clip toolbar, you can define and edit the metadata of the clip selected in the grid or list view.

When several clips are selected, you cannot modify the clip information of several clips at a time, except the clip name.

The information defined in the clip toolbar is displayed in a short form in the grid or list view.

This topic describes all fields, and explains how each field can be edited.

See section "Defining Clips Metadata" on page 30 for more information on editing the clip information and metadata.



Field Description

Name

The **Name**field displays the clip name assigned in one of the Multicam user interfaces, or via the Remote Panel.

Clip ID

The **Clip ID** field displays by default the LSMID of the clip.

You can also display the other clip identifiers by tapping the field name, which toggles the ID display between LSMID, VARID and UMID.

Type

The **Type** field allows users to assign a clip type to the clip by selecting one of the following type symbols:

Type Symbol	Description
Asterisk (*)	Symbol used for the preferred camera, that is the primary output channel at clip creation.
Double dash (=)	Symbol used for the secondary camera , that is the clip that was loaded on the next output channel at clip creation.

TC (Type)

The **TC** field allows users to select the timecode type to be displayed on the OSD among the following types:

Type Symbol	Description
LTC	Timecode defined on or plugged into the EVS server and stored in the LTC table in Multicam. When the LTC timecode is selected, the timecode is displayed in white in the field below the TC selection.
USER	Timecode selected by the user and stored in the User TC table in Multicam. When the USER timecode is selected, the timecode is displayed in yellow in the field below the TC selection.

TC (Value)

The field without label, below the **TC** field, displays the timecode of the Short IN point of the clip.

Depending on the TC type selected in the **TC** field, the LTC timecode (white font) or USER timecode (yellow font) is displayed.

Codec

The **Codec** field displays the codec selected in the running Multicam configuration.

This field is not editable in LSM Connect.

KW fields

The keywords assigned to the clip selected in the grid or list view are displayed in the **KW** fields. Keywords can be assigned or removed from each keyword field.

Icon

The **Icon** field allows users to assign an icon to characterize the clip.

Color

The **Color** field allows users to assign a color to characterize the clip.

Rating

The **Rating** field allows user to assign a ranking to the clip by selecting star symbols.

2.1.7. Contextual Action Bar in Clip Tab

Introduction

Besides editing clip properties and metadata, the actions you can perform on clips are available as a contextual action bar (CAB) once you have selected at least one clip in the clip tab:

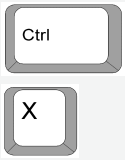
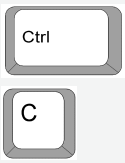
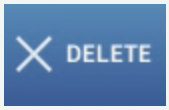
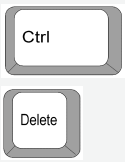
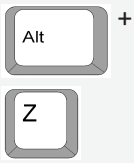
NEW ! The commands available in the CAB have a corresponding shortcut key you can use when the LSM tablet is connected to a physical keyboard.

The elements of the CAB linked to item selection are explained in section "Selecting Items" on page 5

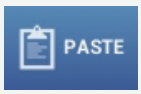
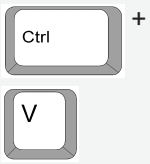
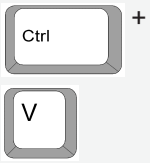
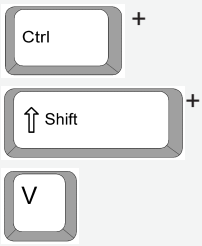
Actions on Clips

The table below describes briefly the commands for clips available in the CAB.

Some of the actions are explained in details in a separate topic:

Action button	Keyboard shortcut	Description
		Allows you to cut selected clips, and store them in the clipboard. They can then be pasted to an empty position. See section "Copying and Moving Clips" on page 34
		Allows you to copy selected clips, and store them in the clipboard. They can then be pasted to an empty position. See section "Copying and Moving Clips" on page 34.
		Allows you to delete selected clips.
		Allows you to set selected clips as 'to be archived': • When the clips have been set as 'to be archived' but have not been archived yet, a blue folder is displayed in the grid view. • When the clips have effectively been archived, a white folder is displayed in the grid view.
	-	Allows you to push selected clips to the location defined in the Push settings in the Multicam Configuration module.

In Copy and Move actions, when you select the requested position for copy or move, the following paste options can be available in the CAB, depending on the type of selection (single ou multiselection):

Action button	Keyboard shortcut	Description
		When you have selected a single clip, you can copy it to the selected new position using the **Paste** icon in the CAB.
		When you have selected several clips, you can copy them to the selected new position using **Paste Same Position** icon in the CAB. In this case, the clips are pasted one after the other from the selected position, on the same CAM as the original.
		When you have selected several clips, you can copy them to the selected new position using **Paste Contiguous** icon in the CAB. In this case, the clips are pasted one after the other from the selected position, disregarding the CAM name. See section "Overview of LSM Connect Settings" on page 51 for more information on the **Past Contiguous** setting, that allows you to select the camera positions the clips will be pasted to.

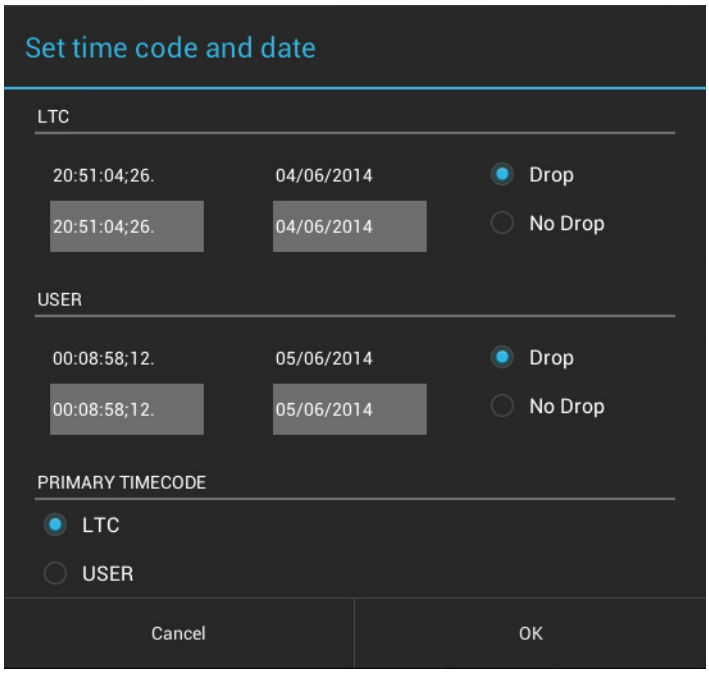
2.1.8. Set TC and Date Window

NEW !

Introduction

The Set timecode and date window is accessible from the clip toolbar, by tapping the TC field. It allows editing the TC of the Short IN point of a clip, and the associated TC data.

This topic describes the various fields from left to right, and from top to bottom.



LTC Area

The LTC area includes the fields described below:

Field Name	Description
TC field (top)	Timecode value assigned before the editing action (non editable)
TC field (bottom)	New timecode value (editable)
Date field (top)	Date value assigned before the editing action (non editable)
Date field (bottom)	New date value (editable)
Drop / No Drop buttons	Radio button to specify whether the TC is drop frame or no drop frame

User Area

The same fields as the ones present in the LTC area are displayed, but they apply to the timecode stored in the User TC table.

Primary TC

This section includes two radio buttons to specify whether the primary TC of the clip should be the LTC or the TC stored in the User TC table in Multicam.

2.2. Operation

2.2.1. Accessing Clips

Introduction

In the clip tab, you can access local clips and distant clips located on EVS servers available on the network.

As you can display clips in a grid view or list view in the clip tab, this section explains how to access clips in both views. By default, the clip tab is open in grid view.

You can access clips using the touchscreen or a physical keyboard connected to the LSM tablet:

- See the procedures below to learn how to access clips using the touchscreen.
- See section "Using Keyboard Shortcuts for Server, Page and Bank Navigation" on page 27 to see which keyboard shortcuts you can use.

Accessing Local Clips in the Grid View

Introduction

By default, the clips stored on the first page and bank of the local server are displayed in the grid. This section explains how to move through the pages and banks, and access clips with the touchscreen. Empty pages or banks are dimmed, but can be accessed:

Note
The following procedure also applies to access clips on a distant EVS server in the grid view.

Procedure

To display the requested local clips in the grid view, proceed as follows:

1. In the clip tab, tap to select the grid view.
2. To select another page, tap the requested page number on the page selection bar (horizontal bottom bar) in the grid view.
3. To select another bank, tap the requested bank number on the bank selection bar (vertical left bar) in the grid view.

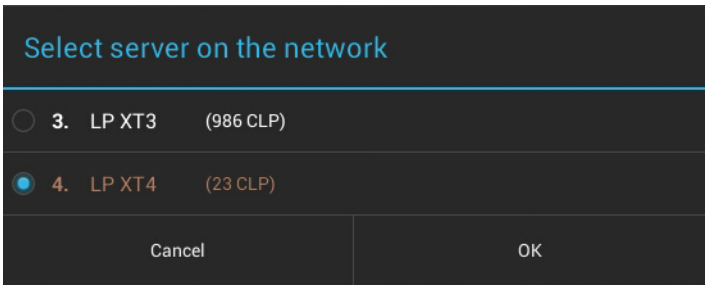
The clips displayed in the grid are dynamically updated based on the page and bank selection.

Accessing Distant Clips in the Grid View

To display distant clips in the grid view, proceed as follows:

1. In the clip tab, tap to select the grid view.
2. Tap the **Network** icon .

   The Select server dialog box is displayed:



3. Tap the EVS server whose clips you want to view in the grid.
4. Click **OK**.

The clips of the distant server are displayed in the grid on a dark brown background.

The name and number of the distant server are displayed on the top of the clip tab.

By default, the clips stored on the first page and bank are displayed. Proceed in the same way as for the local clips (see above procedure) to display the clips stored on another page or bank.

Accessing Local and/or Distant Clips in the List View

Introduction

By default, all clips stored on the local server are available in the list view, and are ordered by LSMID in ascending order.

The following procedure allows you to:

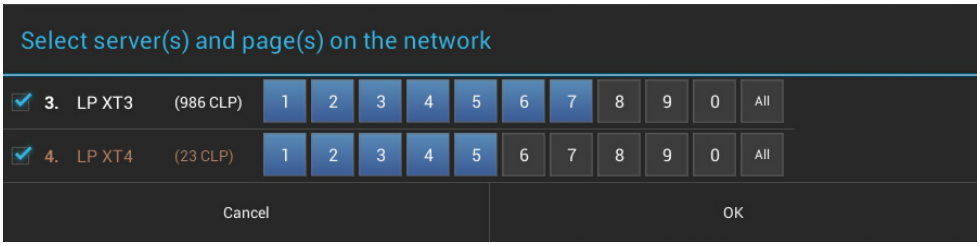
- select the servers (local or/and distant) whose clips have to be displayed in the list view.
- select the pages and banks to be displayed on the selected server(s).

Procedure

To select the local and/or distant clips to be displayed in the list view, proceed as follows:

1. In the clip tab, tap to select the list view.
2. Tap the **Network** icon .

   The Select server and page dialog box is displayed:



3. To select one or more servers, tap the check boxes corresponding to the servers whose clips you want to display.
4. To select one or more pages whose clips you want to display, tap the requested page numbers for each selected server.
5. Tap **OK**.

The clips displayed in the list view are automatically adapted based on the selected servers and pages.

When several servers have been selected, the clips of the local server are displayed, followed by the clips on the first distant server, then the clips of the second distant server, and so on.

2.2.2. Using Keyboard Shortcuts for Server, Page and Bank Navigation

NEW !

Introduction

You can use the keyboard shortcuts described in this section to navigate between pages, banks, and between local and distant servers, in the clip tab (grid or list view), and in the playlist tab (playlist headers view).

The procedures and keyboard shortcuts for selecting items are detailed in the general topic "Selecting Items" on page 5. The selection methods are valid in the clip and playlist tab.

Shortcuts for Accessing Network Navigation Dialog Boxes

The general shortcut keys specified below are valid in the clip tab (grid and/or list view), and in the playlist tab (playlist headers view).

To perform the following action ...	Use the keyboard shortcut ...	Clip Grid	Clip List
Opens the window for distant server selection		X	X
Returns to the local server		X	

Shortcuts for Navigation in Pages and Banks in Grid View

The following shortcuts are only valid in the clip tab, in grid view.

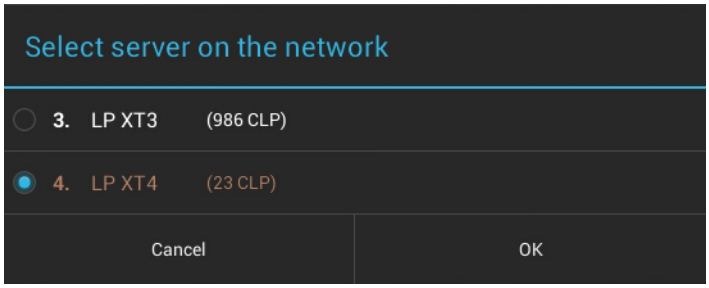
The shortcuts are not applicable and not relevant in the clip tab, in list view, nor in the playlist tab, in playlist headers view.

To perform the following action ...	Use the keyboard shortcut ...
Go to the next page	or
Go to the previous page	or
Go to the next bank	
Go to the previous bank	
Go to bank 1 of the current page	
Go to bank 9 of the current page	

Shortcuts in Select Server Dialog Boxes

From Clip Tab in Grid View and Playlist Tab in Headers View

The following shortcuts are relevant and/or valid in the Select server on the network dialog box, where you can select a distant server:

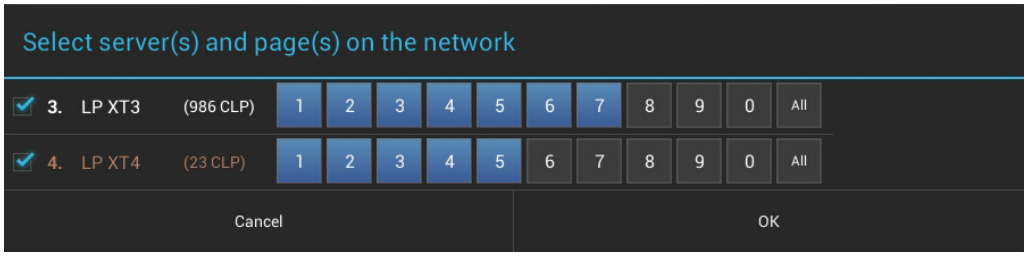


This dialog box is available from the clip tab, in grid view, and from the playlist tab, in playlist headers view.

To perform the following action ...	Use the keyboard shortcut ...
Highlights the next or previous item in the list.	↓ or ↑
Selects the highlighted item	(Space)
Selects the highlighted item and closes the window.	Enter
Closes the window without saving the changes	Esc

From Clip Tab in List View

The following shortcuts are relevant and/or valid in the Select server(s) and page(s) on the network dialog box, where you can select the servers and the pages to be displayed in the list view:



This dialog box is available from the clip tab, in list view.

To perform the following action ...	Use the keyboard shortcut ...
Highlights the next or previous item in the list.	↓ or ↑
Selects / Unselects the highlighted item	(Space)
Selects the highlighted item and closes the window.	Enter
Closes the window without saving the changes	Esc
Selects / Unselects all pages of the highlighted server	Shift + A
Select / Unselects the corrresponding page number for the highlighted server	Shift + **number key in alphanumeric keyboard**

2.2.3. Defining Clips Metadata

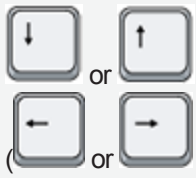
Introduction

From the clip toolbar, you can define and edit the metadata of the clip selected in the grid or list view. Most actions described below can be applied on one clip selected in the grid or list view.

NEW !

Summary of Shortcut Keys

The table below summarizes the shortcut keys you can use for navigation among panels, and field edition in dialog boxes when a physical keyboard is connected to the LSM tablet.

To perform the following action ...	Use the keyboard shortcut ...
Move from one panel to the other in the main screen.	
Highlights: • the next or previous item in a list • the next/previous/left or right item in a grid or other dialog boxes	 or or or when applicable)
Selects the highlighted item	(Space)
Selects the highlighted item and closes the window.	
Closes the window without saving the changes	

Note
The field highlight and selection in the clip toolbar is only applicable to text fields and drop-down boxes.
The shortcuts described above cannot be used in the Pick keyword dialog box.

Possible Actions

How to Assign or Modify a Clip Name with the Touchscreen

To assign/modify the name of one or more clips with the touchscreen, proceed as follows:

1. In the clip tab, tap the clip(s) whose name you want to assign or modify.
2. In the clip toolbar, tap the **Name** field.

   The virtual keyboard appears.
3. Type the requested name in the virtual keyboard.
4. Click **Next**.

The name is applied to the selected clip(s).

NEW !

How to Assign or Modify a Clip Name with a Keyboard

To assign/modify the name of one or more clips with a physical keyboard, proceed as follows:

1. In the clip tab, select the clip(s) whose name you want to assign or modify.
2. Do one of the following actions:
   - To start from a blank field and assign a new name, type directly the requested name on the keyboard. A dialog box appears and is filled in with the typed string.
   - To type a name based on the last string entered in the clipboard, press **F1**, and modify the name or type a new name in the dialog box displayed.
3. Press **Enter** to apply the new name.

The name is applied to the selected clip(s).

Note
To cancel the action, tap **Cancel**.
To clear the text string and start from a blank field, press **Delete**.

NEW !

How to Change the Clip Type or TC Type with a Keyboard

To change the clip type or TC type of a selected clip in the clip toolbar using a physical keyboard, proceed as follows:

1. Highlight the clipt type or TC type field in the clip toolbar.
2. Press **Enter** to display all values in the drop-down list.
3. Use the **Arrow Up** and **Arrow Down** keys to select the requested value.
4. Press **Enter** to select the value and validate the change.

The selected field value is displayed in the toolbar.

How to Assign a Keyword

To be able to assign keywords in the LSM Connect, a keyword list has to be defined in the Multicam settings, Operation tab, Keywords section, **Keyword file** field.

To assign a keyword, proceed as follows:

1. Tap a KW field.
2. Tap the requested keyword from Pick Keyword dialog box
3. Click **OK**.

The keyword is displayed in the toolbar.

How to Assign an Icon

To assign an icon, proceed as follows:

1. Tap the **Icon** field
2. Select the requested icon from the Pick an Icon dialog box.

The dialog box closes, and the icon is directly assigned to the clip.

Note
You can also use the keyboard shorcuts to assign an icon.

How to Assign a Color

To assign a color, proceed as follows:

1. Tap the **Color** field
2. Select the requested color from the Pick an Color dialog box.

The dialog box closes, and the color is directly assigned to the clip, and displayed in a thin bar on the left of the clip box in the grid view or the clip row in the list view.

Note
You can also use the keyboard shorcuts to assign a color.

How to Remove a Keyword, Icon or Color

To remove a keyword, icon or color, tap the cross on the right of the field whose value you want to unassign.

The value is removed from the field.

How to Add a Rating

To add a ranking, tap the last star on the right to be included in the rating. For example, to assign three-star rating, you will tap the third star from the left.

To reduce a rating, tap the last star on the right to be included in the rating.

To remove a rating, tap the **Rating** field label.

NEW !

How to Set the Date and Timecode of a Clip

To modify the date and/or timecode of a selected clip via a touchscreen or a physical keyboard, proceed as follows:

1. Do one of the following to call the Set time code and date field dialog box:
   - Tap the **TC** field in the clip toolbar.
   - Press **Alt + T**

   The Set time code and date field dialog box opens. See section "Set TC and Date Window" on page 23 for a detailed description of this window.
2. In the Set time code and date dialog box, edit the fields as requested:
   - via the virtual keyboard on the LSM screen or
   - via a plugged-in keyboard using the keyboard shortcuts listed above.
3. Do one of the following to validate the changes:
   - Tap **OK**.
   - Press **Enter**.

The TC and date information of the clip are modified as requested.

2.2.4. Copying and Moving Clips

Introduction

This section explains how to copy or move one or more clips from one position to another one, located on the same EVS server or to a distant EVS server.

To copy and move clips, you can use the following commands:

- the commands available in the CAB (contextual action bar), the blue bar located at the top of the screen

- the relevant keyboard shortcuts when a physical keyboard is connected to the LSM tablet.

Basic Principles

As clips can only be pasted on empty positions, always select a first position that is empty for pasting the selected clips. As a consequence, the copy or move actions will therefore only be possible in the grid view, not in the list view.

When you copy or move a single clip, you perform a simple paste action on an empty position.

When you copy or move several clips, you can select one of the following paste actions:

- **Paste Same Position**, which pastes the selected clips on the same CAMs as the initial clips, if they are empty.

  The paste action would therefore not be performed on positions which would not be empty. An error message is displayed on the notification area on the bottom right of the screen.

- **Paste Contiguous**, which pastes the selected clips one after the other from the selected position, on all recorders checked in the Paste Contiguous parameter in the settings window.

  The paste action would therefore ignore the unchecked cameras in the Paste Contiguous parameter, and start pasting on the first available camera checked in the settings.

  See section "Overview of LSM Connect Settings" on page 51 for more information on the **Past Contiguous** setting, that allows you to select the camera positions the clips will be pasted to.

How to Copy or Move Clips with the Touchscreen

Before copying or moving one or more clips, you need to select them via the touchscreen or a physical keyboard connected to the LSM Connect. See section "Selecting Items" on page 5.

To copy or move selected clip(s) with the touchscreen, proceed as follows:

1. After selecting the requested clips, do one of the following actions:
   - To move clips, tap **Cut** in the CAB.
   - To copy clips, tap **Copy** in the CAB.
2. If you want to copy or move the clips to a distant EVS server, do the following, otherwise go to step 3:
   a. Tap the **Network** icon .
   b. Select the requested server.
   c. Tap **OK**.
3. In the clip grid view, select the page, bank and position you want to move your clips to in the following way:
   a. Tap on the desired page at the bottom of the grid view.
   b. Tap on the desired bank on the left of the grid view.
   c. Tap on the desired empty position (position for the first clip in a multiselection).
4. To paste the selected clips, do one of the following actions:
   - In single selection mode, tap **Paste** in the CAB.
   - In multi-selection mode, tap **Paste Same Position** or **Paste Contiguous** in the CAB ("Basic Principles" on page 34).

The selected clips are moved or copied to the requested positions.

NEW ! How to Copy or Move Clips with a Keyboard

Before copying or moving one or more clips, you need to select them via the touchscreen or a physical keyboard connected to the LSM Connect. See section "Selecting Items" on page 5.

To copy or move clip(s) with a physical keyboard, proceed as follows:

1. After selecting the requested clips, do one of the following actions:
   - To move clips, press

to empty the clip position and place the clips in the clipboard.
   - To copy clips, press

to keep the clips on the current clip position and place them in the clipboard.
2. If you want to copy or move the clips to a distant EVS server, do the following actions. Otherwise, go to step 3:
   a. Tap the **Network** icon .
   b. Select the requested server.
   c. Tap **OK**.
3. In the grid view, select the page, bank and empty position you want to move your clips to:
   a. Go to the requested page with

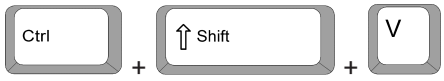
and

or using the touchscreen.
   b. Go to the requested bank with

and

or using the touchscreen.
   c. Using the Arrow keys, highlight the requested position to copy the clip or the first clip of a series.
4. Paste the selected clips with one of the following actions:
   - In single selection mode, press

.
   - In multi-selection mode, for a **Paste Same Position**: press

   - In multi-selection mode, for a **Paste Contiguous**: Press 

The selected clips are moved or copied to the requested positions.

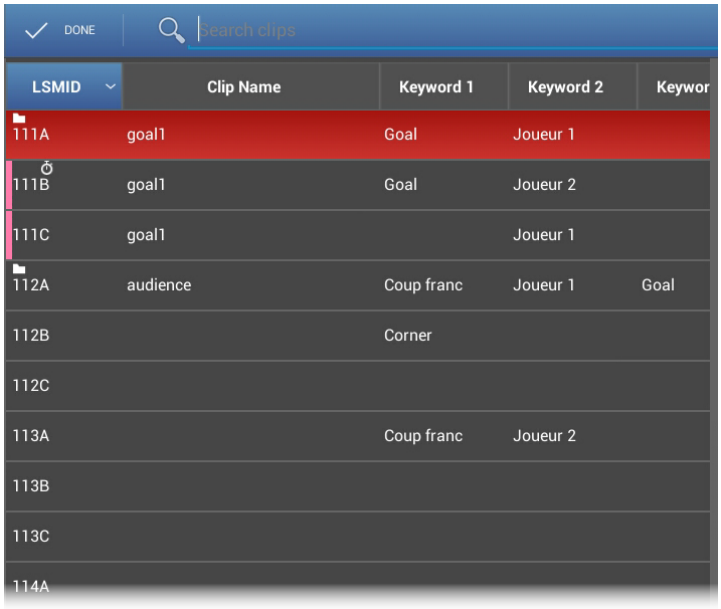
2.2.5. Searching for Clips

Accessing the Search Clip Window

You can search for clips stored on the current EVS server. The search is a free-text search on the clip metadata available in the displayed columns.

You will access the search feature by tapping the magnifier icon on the top right of the main window.

This opens the Search window on the left tab:



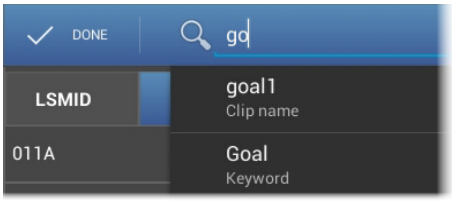
On the right, the playlist tab is displayed.

How to Search for Clips

To search for clips, proceed as follows:

1. In the Search window, type the text you want to search for on the right of the magnifier icon in the CAB:

   As you type, the application suggests metadata that includes the text you have already entered.



2. Do one of the following:
   - If you do want to search strictly for your text string, tap on the entered text again.
   - If you want to select a suggested text string, tap on it.

The clips that contains the requested text are displayed as a list.

You can select the search results as in the grid view, and perform all possible actions on those clips.

2.2.6. Deleting Clips

Introduction

You can delete unprotected and protected clips on the EVS server from the LSM tablet, using the touchscreen or a physical keyboard.

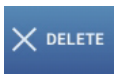
When you delete a protected clip, you will have to confirm the deletion.

When you delete a non-protected clip, the clip is directly deleted, without confirmation request.

How to Delete a Clip with the Touchscreen

1. In a clip tab, in grid or list view, tap the requested clip(s).

   See section "Selecting Items" on page 5 for multi-selection.

2. Tap 

in the CAB at the top of the screen.
3. If the clip is protected, a message is displayed. Tap **OK** to confirm the deletion.

The clip(s) is/are deleted on the EVS server.

NEW !

How to Delete a Clip with a physical Keyboard

1. Focus on the clip tab with the **Tab** key.
2. In the clip tab, select the requested clip(s) with the Arrow keys.

   See section "Selecting Items" on page 5 for multi-selection.

3. Press **Ctrl** + **Del**.
4. If the clip is protected, a message is displayed. Tap **OK** to confirm the deletion.

The clip(s) is/are deleted on the EVS server.

3. Playlist Management

3.1. Playlist Tab

Introduction

The playlist tab can be declined in two views:

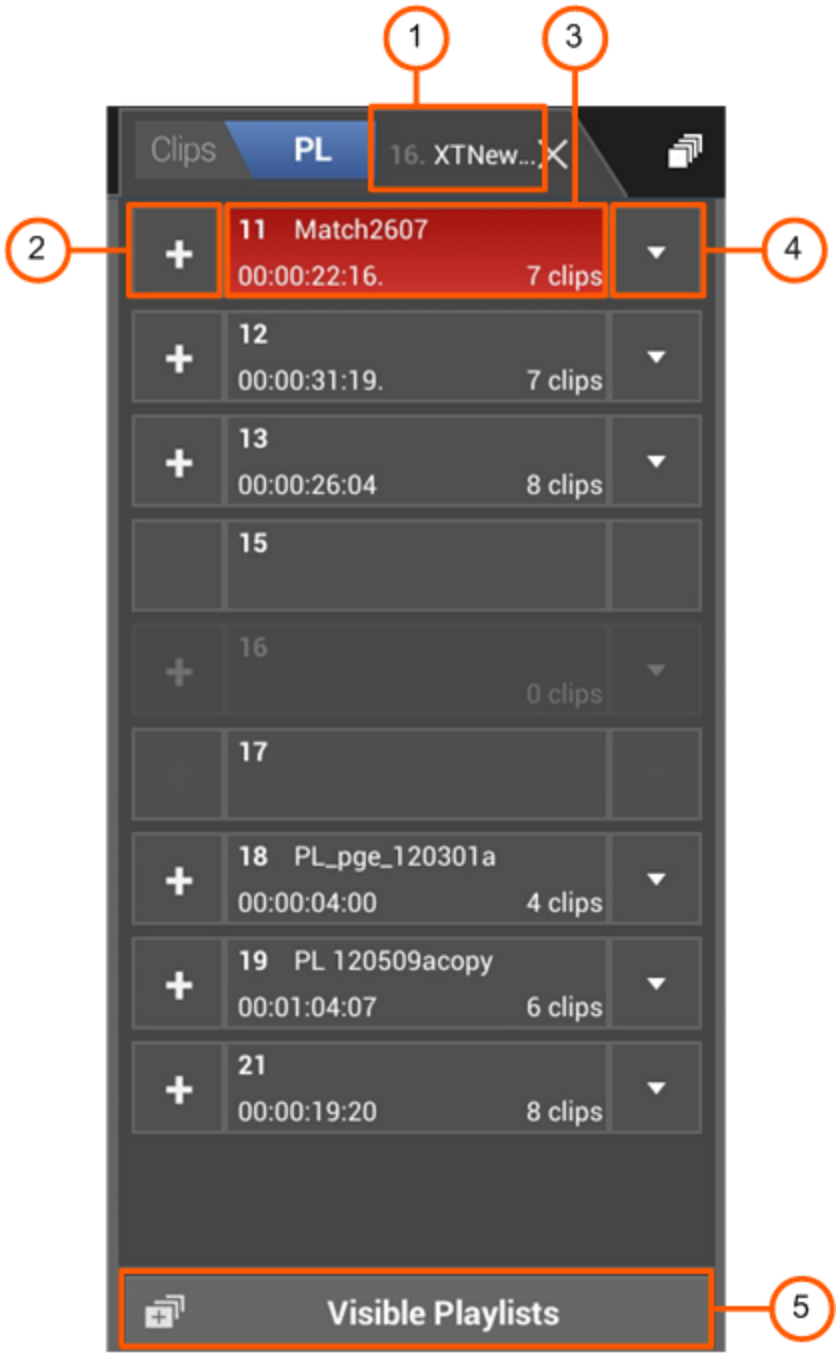
- Initially, it displays a set of selected playlists which you define as 'visible playlists'.

  We will call this the playlist headers view.

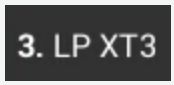
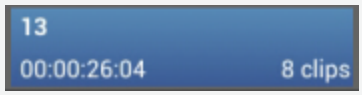
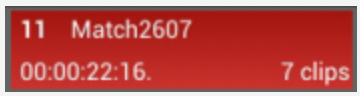
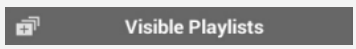
- When you tap on a playlist, the selected playlist opens in the playlist tab, and you can view all playlist elements and transition information.

  We will call this the playlist items view.

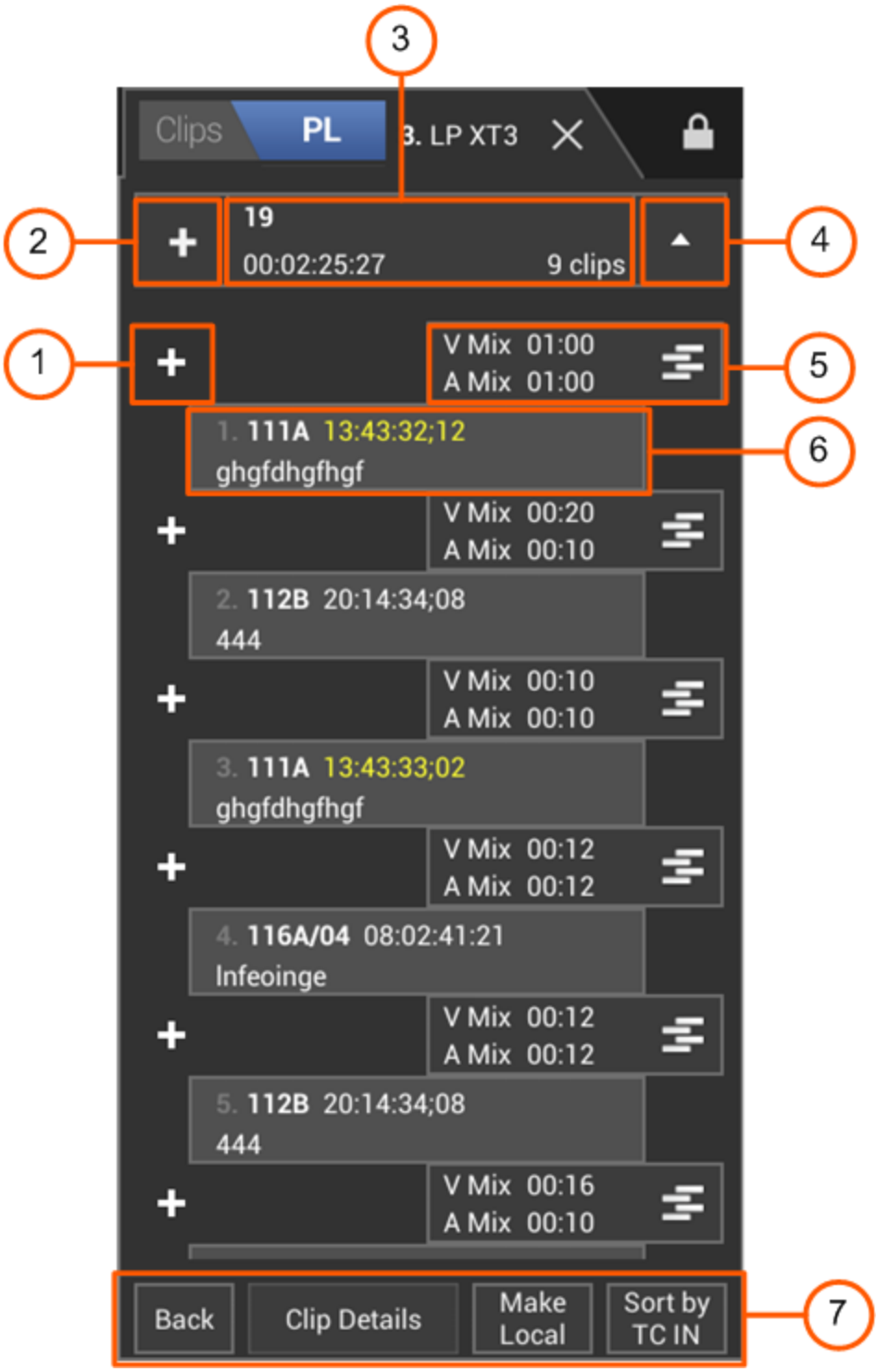
playlist headers view



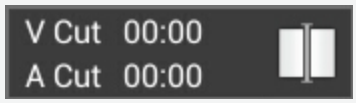
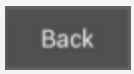
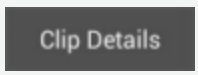
The table below presents the various areas or icons on the playlist headers view:

#	Area/Icon	Description
1.		EVS server the displayed playlists are stored on. Tap this field to access the visible playlists on distant EVS servers.
2.		Adds the selected clips at the end of the corresponding playlist.
3.		Playlist containing playlist elements: The Playlist LSM ID is specified, as well as the playlist duration, and the number of playlist elements.
		Empty playlist position. As you can add elements to such a playlist, the **Add** icon is displayed on the left.
		Timeline position. You cannot add elements to a timeline in LSM Connect.
		Selected playlist displayed on a blue background.
		Loaded playlist displayed on a red background.
4.		Opens the corresponding playlist in playlist items view.
5.		Opens the Select visible playlists window in which you can check the playlists you want to display in the playlist headers view.

Playlist Items View



The table below presents the various areas or icons on the Detail view:

#	Area/Icon	Description
1.		**Add** button used to insert the selected clip(s) between the surrounding playlist elements.
2.		**Add** button used to insert the selected clip(s) at the end of the playlist.
3.		**Playlist** button that represents the open playlist, and the related information.
4.		**Arrow up** button used to close the Detail view and comes back to the List view.
5.		**Transition** button that represents the playlist transition and displays related information: • Video effet type and duration • Audio effet type and duration • Icon that represents the effect type
6.		**Element** button that represents the playlist element and displays related information, from left to right: • position in the playlist • clip LSM ID • clip TC (LTC)
7.		Goes back to the List view. All changes previously done in the Detail view are applied.
		Displays larger boxes for playlists elements, and the same clip metadata as in the Clip Grid view.
NEW !		Copies all distant clips locally. The local clip position is the first available one from the first page specified in the Playlist received page parameter (Operation tab, Clips settings in Multicam configuration).
		Allows to sort the playlist elements by TC IN, but resets all transitions to the default settings.

Effect Icon

The following table presents the various icons that illustrate the transition effects that can be applied:

Icon	Meaning
	Cut effect
	Mix effect
	Wipe Left > Right
	Wipe Right > Left
	Fade from black
	Fade from white
	Fade from color
	Fade from undetermined
	Fade to black
	Fade to white
	Fade to color
	Fade to undetermined
	V-fade

3.2. Accessing Distant Playlists

Introduction

From the playlist tab, in playlist headers view or playlist items view, you can access playlists located on distant EVS servers available on the network, and copy the distant playlists to the local EVS server.

NEW !

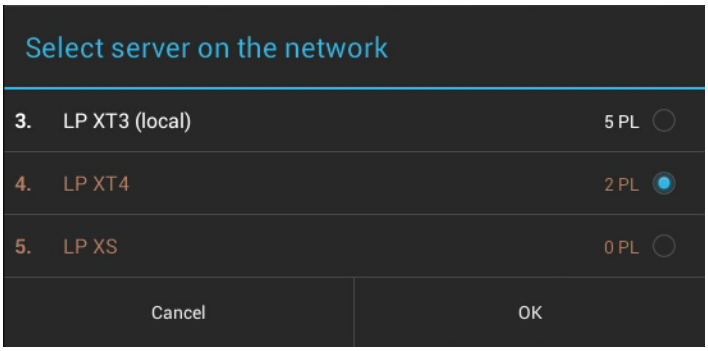
Note
The shortcut keys for network navigation valid in the clip tab, in grid view, can also be used in the playlist tab, in playlist headers view.
See section "Using Keyboard Shortcuts for Server, Page and Bank Navigation" on page 27.

How to Access Distant Playlists

To access a playlist on a distant EVS server, proceed as follows:

1. In the playlist tab, tap the **Server Name** at the top of the playlist tab.

   The following box appears:



2. Select the radio button corresponding to the EVS server whose playlists you want to access.
3. Click **OK**.

The playlists of the distant server are displayed in playlist headers view, the server name and number are displayed on the top of the Playlist area.

3.3. Managing Playlists

Introduction

This section presents the actions you can perform on local playlists.

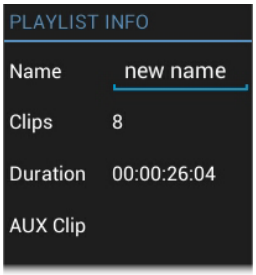
You can access local or distant playlists. However, you can only copy local playlists on the same EVS server. You cannot manage or edit a playlist on a distant EVS server.

How to Change the Playlist Name

To change the playlist name, proceed as follows:

1. In the playlist tab in playlist headers view, tap the playlist whose name you want to modify.

   The playlist name and other information are displayed in the toolbar.



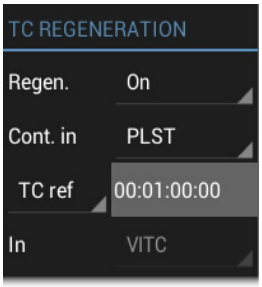
2. In the **Name** field, type or modify the playlists name.
3. Tap the **Done** key on the virtual keyboard.

How to Regenerate the Timecode of a Playlist

To regenerate the timecode of a playlist, proceed as follows:

1. In the playlist tab in playlist headers view, tap the playlist whose timecode you want to regenerate.

   The TC Regeneration area is displayed in the toolbar:



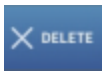
2. In the Playlist toolbar, tap the **Regen** field, and select **On** to activate the timecode regeneration.
3. In the **Cont. in** field, select one of the following values:

- **PLST** to regenerate the timecode at the beginning of the playlist
- **CLIP** to regenerate the timecode for each playlist element

4. In the **From** field, specify the initial TC value to be used for the timecode regeneration.
5. In the **IN** field, specify the TC type in which the timecode should be regenerated.
6. In the **TC Type** field, specify whether the timecode should be a drop-frame or non drop-frame timecode.

How to Delete a Playlist

To delete a playlist, proceed as follows:

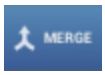
1. In the playlist tab in playlist headers view, select the playlist you want to delete.
2. Tap 

in the contextual action bar.

How to Merge Two Playlists

When you merge two playlists, the first selected playlist is in fact merged into the second selected playlist. In other words, all playlists elements of the first playlist are added at the beginning of the second playlist.

To merge two playlists, proceed as follows:

1. In the playlist tab in playlist headers view, select the two playlists you want to merge together.
2. Tap 

in the contextual action bar.
3. Tap **OK** to confirm the merge action.

How to Copy a Local Playlist to the local EVS Server

To copy a local playlist to the same EVS server, proceed as follows:

1. In the playlist tab in playlist headers view, tap the playlist you want to copy.
2. Tap **Copy** on the contextual action bar.
3. Select the playlist position where you want to store the playlist, and select **Paste** on the contextual action.

   The **Paste PL** box appears.
4. In the **Paste PL** box, select the copy type and tap **OK**

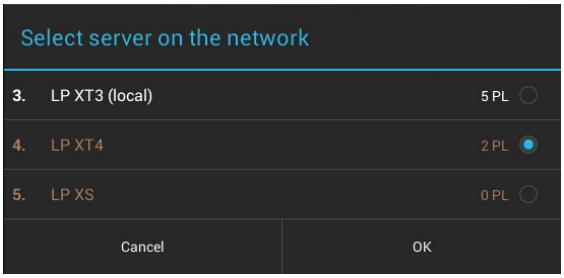
The local playlist is copied to another playlist position on the same EVS server.

How to Copy a Distant Playlist to the Local EVS Server

To copy a distant playlist to the local EVS server, proceed as follows:

1. In the playlist tab in playlist headers view, tap the server name at the top of the playlist tab.

   The following box appears:



2. Select the radio button corresponding to the EVS server the requested distant playlist is stored on, and tap **OK**.

   The distant playlists are displayed in playlist headers view on a brown background.

3. Select the distant playlist you want to copy and tap **Copy** on the contextual action bar.
4. Tap again the server name and select the local EVS server.
5. Select the local playlist position where you want to store the playlist, and select **Paste** on the contextual action.

   The **Paste PL** box appears.

6. In the **Paste PL** box, select the copy type and tap **OK**

The distant playlist is copied to the local playlist position.

NEW !

How to Store Locally Distant Playlist Elements

To make local all distant clips of a local playlist, proceed as follows:

1. In the playlist tab in playlist headers view, select the local playlist whose clips you want to store locally.

   When the playlist contains at least one distant clip, the **Make Local** button appears at the bottom of the playlist headers view.

2. Tap

.

All distant clips of the local playlist are copied locally to the first available position from the page specified in the Playlist receive page parameter in the Multicam Configuration module (Operation tab, Clips settings).

3.4. Editing Playlists

Introduction

This section presents the actions you can perform on playlist elements.

How to Add Clips at the End of a Playlist

In the playlist tab, you can work in playlist headers view or in playlist items view.

To add at the end of a playlist, proceed as follows:

1. In the clip tab or in the Search window, select one or more clips you want to add to the playlist in the clip tab.

   See section "Selecting Items" on page 5 for more information.

2. Do one of the following actions:

   - If the playlists are displayed in playlist headers view, tap in front of the playlist to which you want to add the selected clips.
   - If the playlist to which you want to add the selected clips is open in playlist items view, tap the **Add** icon at the top of the playlist tab, next to the playlist box.

The **Add** icon briefly turns green and the playlist box briefly turns orange as the clips are added at the end of the playlist.

How to Add Clips Between two Playlist Elements

In the playlist tab, the playlists to which you want to add clips must be open in playlist items view.

To add between two playlist elements, proceed as follows:

1. In the clip tab or in the Search window, select one or more clips you want to add to the playlist in the clip tab.

   See section "Selecting Items" on page 5 for more information.

2. In the playlist tab, tap the **Add** icon in between the two elements where you want to insert the selected clips.

The **Add** icon briefly turns green and the playlist box briefly turns orange as the clips are added at the requested position in the playlist.

How to Reorganize Elements inside a Playlist

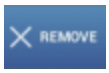
You can only move an element at a time inside a playlist.

To reorganize elements inside a playlist, proceed as follows:

1. In the playlist tab, open the playlist you want to reorganize in playlist items view.
2. Tap and hold the playlist element you want to move.
3. Drag the element at the requested position and release when the **Add** icon at the requested position turns green.

How to Remove Elements from a Playlist

To remove elements from a playlist, proceed as follows:

1. In the playlist tab, open the playlist you want to remove elements from in playlist items view.
2. Select one or more playlist elements (when multiselection is active) you want to remove.
3. Tap 

in the CAB.

How to Copy Clip Elements Between Playlists

To copy clip elements from one playlist to another one, proceed as follows:

1. Open the requested playlists in both tabs in playlist items view.
2. Select the playlist elements you want to copy from one playlist to the other.
3. Tap and hold one of the playlist elements until an dark grey element box is displayed
4. Without releasing, drag to the **Add** icon of the second playlist, where you want to insert the selected elements.
5. Release when the **Add** icon turns green.

The elements selected in the first playlists have been copied to the second playlist, and are still in the first playlist.

How to Modify Transition Effects

To modify the transition of a playlist elements, first make sure the requested playlist element(s) is selected in the playlist items view, then proceed as follows:

1. Open the requested playlists in both tabs in playlist items view.
2. Select the playlist element(s) whose IN transition you want to modify.
3. In the Playlist toolbar (right), tap the **Video FX** field, and select the requested transition type from the list.

The selected transition type is applied at the beginning of the selected playlist elements, and the transition icon is adapted in the playlist items view.

4. Settings

4.1. LSM Connect Settings

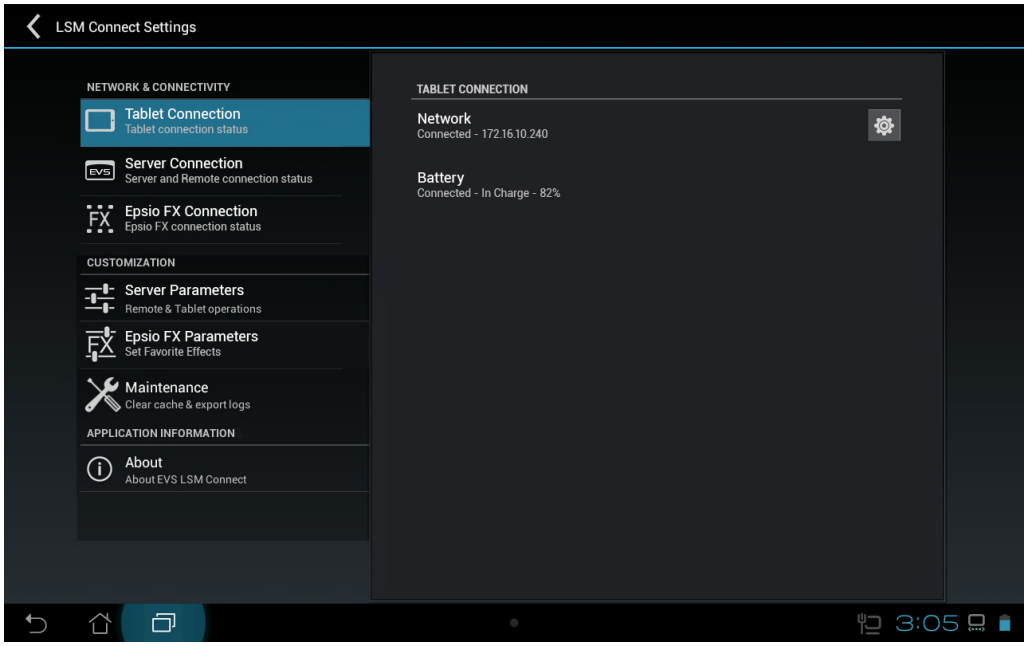
4.1.1. Overview of LSM Connect Settings

NEW !

Introduction

The Settings include three sections, each including several menus:

- Network and Connectivity
- Customization
- Application Information



Network and Connectivity Section

The **Network and Connectivity** section includes the menus and parameters to set up the connection of all hardware elements required in an LSM Connect setup.

See section "Network and Connectivity Settings" on page 53 for a more detailed description of these menus.

Menu	Description
Tablet Connection	Includes parameters related to the LSM tablet.
Server Connection	Includes parameters related to the connection between the LSM tablet and the EVS server.
Epsio FX Connection	Includes parameters related to the connection between the LSM tablet and the Epsio FX server.

Customization Section

The **Customization** section mainly includes the menus and parameters to set up operational parameters specific to the EVS server, Epsio FX, and to perform maintenance tools.

See section "Customization Settings" on page 55 for a more detailed description of these menus.

Menu	Description
Server Parameters	Gives access to the EVS server specific parameters that have an impact on the way the LSM table is operated.
Epsio FX Parameters	Gives access to the Epsio FX parameters. It is only displayed when the Epsio FX is properly connected and set up via the Epsio Connection menu.
Maintenance	Gives access to maintenance tasks, such as clearing cache memory, or exporting logs.

About Section

The **About** section mainly features the version and build number of the LSM Connect application.

4.1.2. Network and Connectivity Settings

Introduction

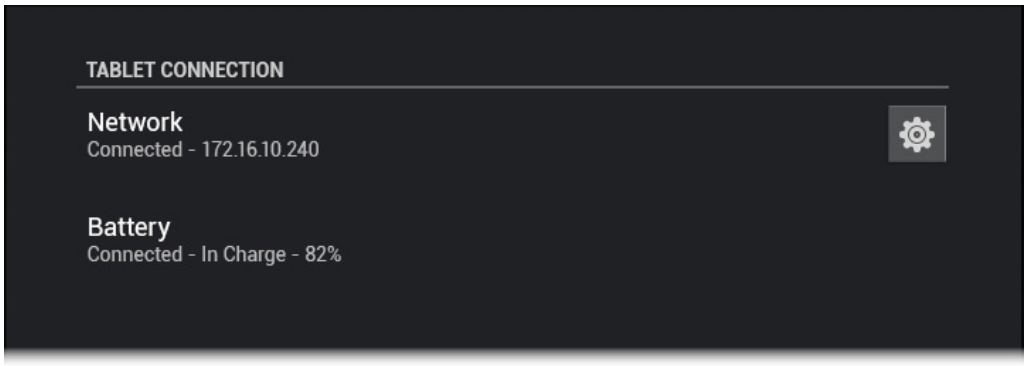
The **Network and Connectivity** section includes the menus and parameters to set up the connection of all hardware elements required in an LSM Connect setup.

This section provides a detailed description on the following menus included in the Network Connectivity section:

- Tablet Connection
- Server Connection
- Epsio FX Connection

Tablet Connection

The Tablet Connection menu items appear on the right of the Settings screen when you select the Tablet Connection menu on the left:

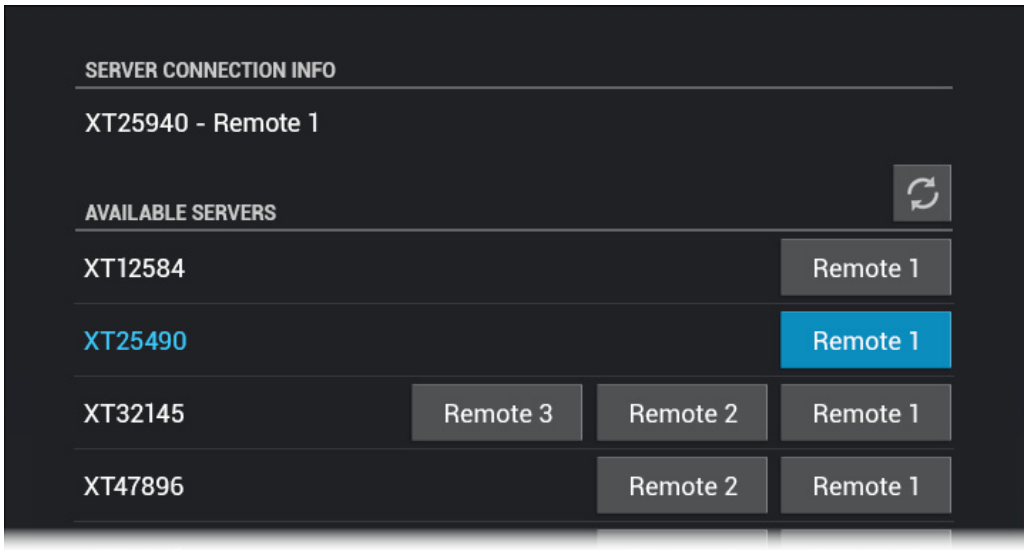


The table below describes the various parameters of the Tablet Connection menu:

Name	Description
Network	Specifies the following information: • tablet connection status to the network • Ethernet IP address assigned to the tablet If you need to change the IP address of the LSM tablet, tap , then select the Ethernet menu in the Wireless & Networks section, then the **IP address** parameter in the Network Settings area on the right.
Battery	Specifies the following information: • connection status to the power supply • battery charging status • battery autonomy in percents.

Server Connection

The Server Connection menu items appear on the right of the Settings screen when you select the Server Connection menu on the left:



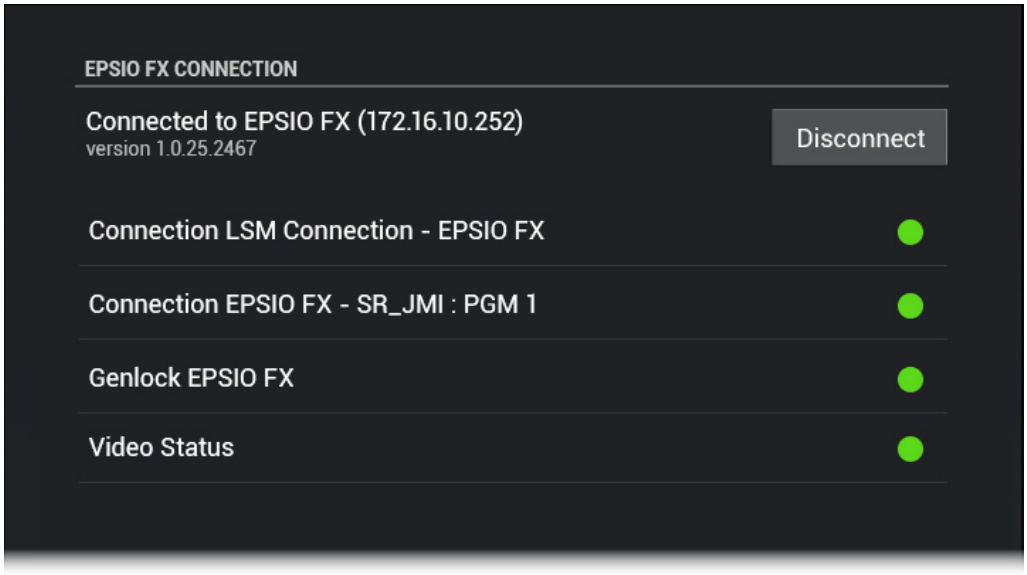
The table below describes the various parameters of the Server Connection menu:

Name	Description
Server Connection Info	Specifies the EVS server (serial number), and the Remote Panel the LSM Connect is connected to. The LSM Connect can be connected to one EVS server and one Remote Panel at a time.
Available Servers	Specifies the list of EVS servers discovered on the Ethernet network. For each server, buttons corresponding to the Remote Panels connected to the server are displayed. You need to select one Remote Panel the LSM Connect has to be associated with. See section "Starting and Connecting to EVS Server" on page 2 for full information on how to connect to EVS servers. The following additional information can be useful: • The Remote connected to the RS422 connector with the smallest number will be named Remote 1, and so on. • The local server is displayed in blue font, the distant servers in white font. • If you want to refresh the EVS server and Remote Panel list, tap the **Refresh** button .

Epsio FX Connection

The Epsio FX Connection menu items appear on the right of the Settings screen when you select the Server Connection menu on the left.

Refer to the Epsio FX user manual for more information about the Epsio FX Connection settings and statuses.



4.1.3. Customization Settings

Introduction

The **Customization** section includes the menus and parameters to set up operational parameters specific to the EVS server, Epsio FX, and to perform maintenance tools.

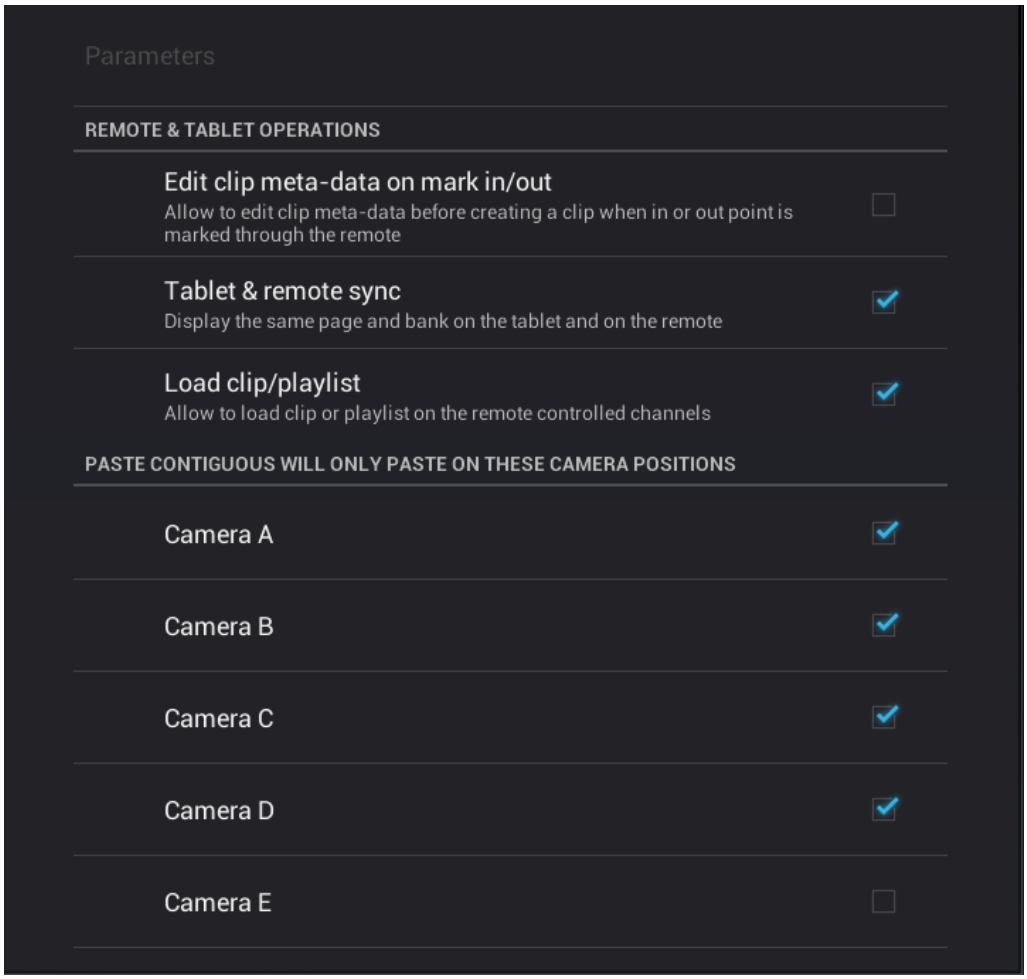
This section provides a description on the following menus included in the Customization section:

- Server Parameters
- Maintenance Paramaters

Note
The Epsio FX Parameters menu is only displayed when the Epsio FX server is properly connected to the LSM Connect via the Epsio FX Connection menu. Refer to the Epsio FX user manual for a detailed description of the Epsio FX Parameters menu.

Server Parameters

The Server Parameters menu items appear on the right of the Settings screen when you select the Server Parameters menu on the left:

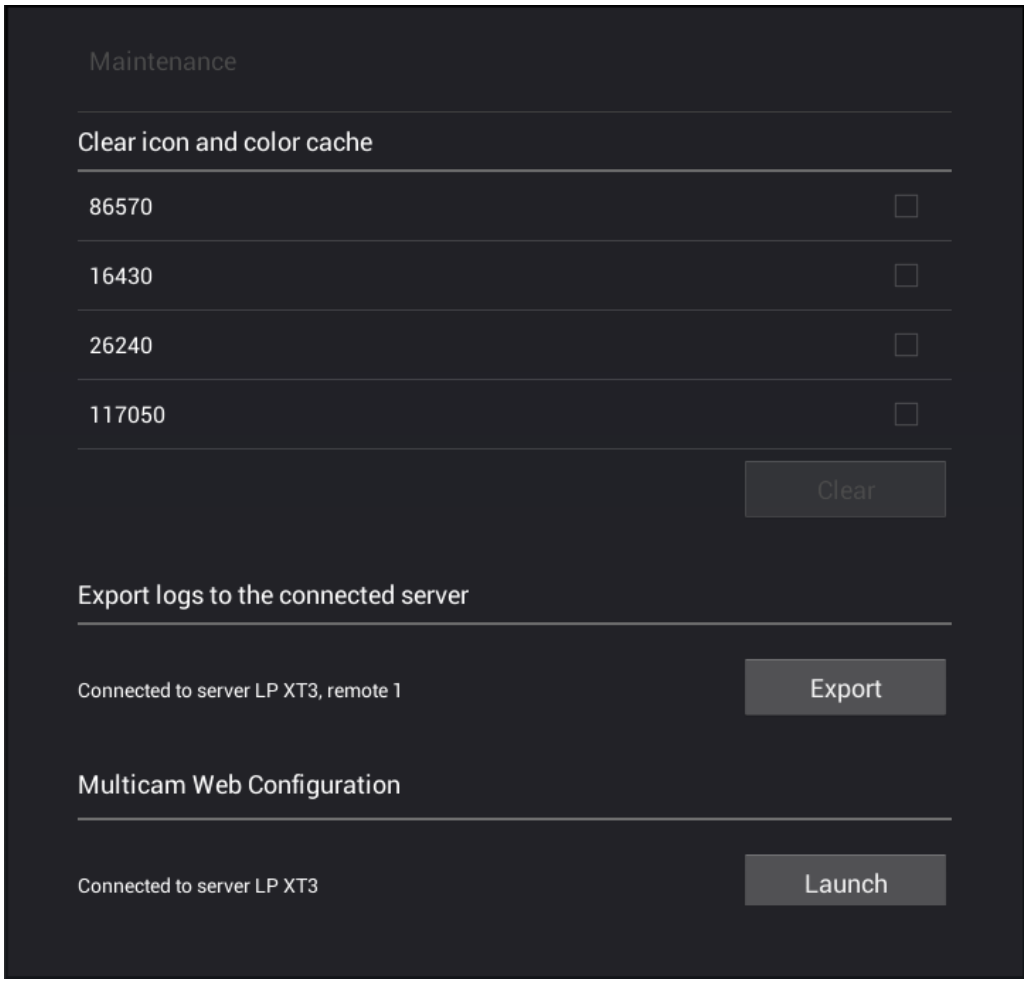

Parameters
REMOTE & TABLET OPERATIONS
Edit clip meta-data on mark in/out
Allow to edit clip meta-data before creating a clip when in or out point is marked through the remote
Tablet & remote sync
Display the same page and bank on the tablet and on the remote
Load clip/playlist
Allow to load clip or playlist on the remote controlled channels
PASTE CONTIGUOUS WILL ONLY PASTE ON THESE CAMERA POSITIONS
Camera A
Camera B
Camera C
Camera D
Camera E

The table below describes the parameters of the Server Parameters menu:

Name	Description
Edit clip metadata on mark in/out	This option allows you to enter the clip metadata using LSM Connect when you mark an IN or OUT point with the Remote Panel. When this option is active and when you mark an IN or OUT point on the Remote Panel, a metadata window pops up on the LSM Connect.
Tablet and remote sync	This option allows the automatical page and bank synchronization between the Remote Panel and the clip tab in grid view.
Load clip/playlist	This option allows you to load a clip or a playlist on the first PGM using a double tap on the requested clip or playlist in LSM Connect.
Paste Contiguous will ...	The setting allows you to select the camera positions that will be filled in when users select the **Paste Contiguous** command.

Maintenance Menu

The Maintenance menu items appear on the right of the Settings screen when you select the Maintenance menu on the left:



The table below describes the commands available in the Maintenance menu:

Name	Description
Clear icon and color cache	The colors and emoticons assigned to clips in the clip toolbar are only stored on the LSM Connect. This command allows you to clear this metadata for each EVS server the LSM Connect has connected to. To clear the cache, select the serial number of the EVS server you want to clear the cache information and tap **Clear**.
Export logs to the connected server	To export the LSM Connect logs directly to the EVS server it is connected to, tap **Export**.
Multicam Web Configuration	To launch the Multicam Web Configuration module on the tablet, tap **Launch**.

4.2. LSM Tablet Settings

Introduction

This section refers to some settings you should check on the LSM tablet to ensure a proper use of the LSM Connect application.

How to Enter the Settings Screen

Quick Procedure

If the **Settings** icon is available on one of the home screens, tapping the **Settings** icon directly opens the **Settings** screen.

Long Procedure

If no Settings icon is available on one of the home screens, proceed as follows to enter the Settings screen:

1. Tap the **Notification** area on the bottom right corner of the LSM tablet

   The **Quick Setting** panel open on the bottom right.

2. Tap the Settings icon in the **Quick Setting** pane.

   Another panel opens.

3. Tap again the Settings icon in this panel.

   The Settings window opens.

Setting the IP Address of the LSM Tablet

Introduction

If you do not have have DHCP, and want to use a static IP address for each LSM tablet, you should specify this in the tablet settings in the following way:

Procedure

To assign a static IP adress to the LSM Tablet, proceed as follows

1. In the Settings screen, select the **Ethernet** menu in the Wireless and Networks section.
2. Select IP Settings among the menu items on the right.

   The IP Settings dialog box opens
3. Tap the **Static IP** radio button.
4. Select **IP Address** among the menu items on the right.

   The IP Address dialog box opens.
5. Type the IP address you want to assign your LSM tablet and tap **OK**.
6. Tap the **Connect** button to set up the Ethernet connection.

Setting the Default Keyboard

Introduction

The default keyboard should be set to **Android keyboard English (US)** to ensure that all keyboard shortcuts will work propoerly if you have connected and use a physical keyboard with the LSM Connect.

Procedure

To set the default keyboard parameter as requested, proceed as follows:

1. In the Settings screen, select the **Language & input** menu in the Personal section.
2. Select the **Default** parameter in the Keyboard & Input Methods section in the menu items on the right.

   The Chose input method dialog box opens.
3. Tap **ON** in the Hardware field to active the use of the physical keyboard.
4. Tap **English (US) Android keyboard** radio button to set up the keyboard.

The keyboard is properly set up.

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